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TRANSMITTAL LETTER
(General - Patent Pending)

Docket No.
0115426-860

In Re Application Of: **Swaminathan et al.**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
09/669,283	September 26, 2000	Steven HD Nguyen	24573	2665	5675

Title: **IN-BAND TRANSMISSION OF TTY/TTD SIGNALS FOR SYTEMS EMPLOYING LOW BIT-RATE VOICE COMPRESSION**

COMMISSIONER FOR PATENTS:

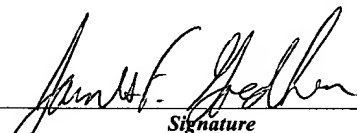
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Statement Under 37 CFR 3.73(b) (1 page);
Power of Attorney to Prosecute Applications Before the USPTO (1 page);
Copy of Assignment History (2 pages); and
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in the above identified application.

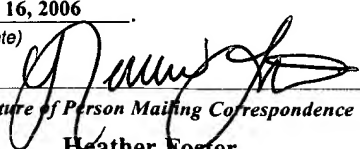
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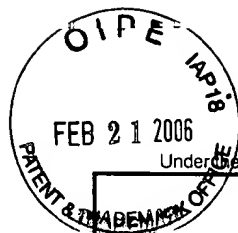

Signature

James F. Goedken
Reg. No. 44,715
Customer No. 24573

Dated: **February 16, 2006**

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Swaminathan, et al.

Application No./Patent No./Control No.: 6,961,320 Filed/Issue Date: November 1, 2005

Entitled: IN-BAND TRANSMISSION OF TTY/TTD SIGNALS FOR SYSTEMS EMPLOYING LOW BIT-RATE VOICE COMPRESSION

Hughes Network Systems, LLC, a Corporation
(Name of Assignee) (Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest
(The extent (by percentage) of its ownership interest is _____%)

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Inventors To: Hughes Electronic Corporation
The document was recorded in the United States Patent and Trademark Office at
Reel 011256, Frame 0986, or for which a copy thereof is attached.
2. From: Hughes Electronic Corporation To: Directv Group, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 016427, Frame 0731, or for which a copy thereof is attached.
3. From: Directv Group, Inc. To: Hughes Network Systems, LLC
The document was recorded in the United States Patent and Trademark Office at
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

James F. Goedken
Signature

James F. Goedken (Reg. No. 44,715)

Printed or Typed Name

Attorney of Record

Title

2-16-06
Date

312-807-4250

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number: 29158

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

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OR

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Address			
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Assignee Name and Address:

Hughes Network Systems, LLC
11717 Exploration Lane
Germantown, MD 20876

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

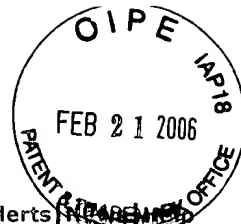
Signature		Date	8/16/2005
Name	Dean Manson	Telephone	301-601-7315
Title	Vice President and General Counsel		

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Patent Assignment Abstract of Title

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Total Assignments: 5

Patent #: 6961320 Issue Dt: 11/01/2005 Application #: 09669283 Filing Dt: 09/26/2000

Inventors: Kumar Swaminathan, Udaya Bhaskar

Title: IN-BAND TRANSMISSION OF TTY/TTD SIGNALS FOR SYSTEMS EMPLOYING LOW BIT-RATE
VOICE COMPRESSION

Assignment: 1

Reel/Frame: 011256/0986

Recorded: 09/26/2000

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: SWAMINATHAN, KUMAR
BHASKAR, UDAYA

Exec Dt: 09/22/2000

Exec Dt: 09/22/2000

Assignee: HUGHES ELECTRONICS CORPORATION
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PATENT DOCKETING ADMINISTRATION
EL SEGUNDO, CA 90245-0956

Assignment: 2

Reel/Frame: 016427/0731

Recorded: 06/21/2005

Pages: 22

Conveyance: MERGER (SEE DOCUMENT FOR DETAILS).

Assignor: HUGHES ELECTRONICS CORPORATION

Exec Dt: 03/16/2004

Assignee: DIRECTV GROUP, INC., THE
11717 EXPLORATION LANE
GERMANTOWN, MARYLAND 20876Correspondent: MICHAEL T. MURPHY
BELL, BOYD & LLOYD LLC
P.O. BOX 1135
CHICAGO, IL 606090-1135

Assignment: 3

Reel/Frame: 016323/0867

Recorded: 06/14/2005

Pages: 37

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: DIRECTV GROUP, INC., THE

Exec Dt: 05/19/2005

Assignee: HUGHES NETWORK SYSTEMS, LLC
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GERMANTOWN, MARYLAND 20876

Correspondent: MICHAEL T. MURPHY
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CHICAGO, IL 60690-1135

Assignment: 4**Reel/Frame:** 016345/0368**Recorded:** 07/11/2005**Pages:** 33**Conveyance:** SECOND LIEN PATENT SECURITY AGREEMENT**Assignor:** HUGHES NETWORK SYSTEMS, LLC**Exec Dt:** 06/27/2005**Assignee:** JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT

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Correspondent: ROBYN RAHBAR, ESQ.
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425 LEXINGTON AVENUE
NEW YORK, NY 10017

Assignment: 5**Reel/Frame:** 016345/0401**Recorded:** 07/11/2005**Pages:** 33**Conveyance:** FIRST LIEN PATENT SECURITY AGREEMENT**Assignor:** HUGHES NETWORK SYSTEMS, LLC**Exec Dt:** 06/27/2005**Assignee:** JPMORGAN CHASE BANK, N.A., AS ADMINISTRATIVE AGENT

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